ABSTRACT OF THE INVENTION

An electronic tuning system includes an electronic tuner for adjusting the predetermined control voltage of a voltage controlled oscillator (VCO) to tune the local frequency signal to radio waves on an arbitrary channel in accordance with channel selection information. A booster circuit boosts a source voltage to generate a boosted voltage in order to ensure the predetermined control voltage. A non-volatile memory stores the channel selection information in response to a predetermined write voltage. The boosted voltage of the booster circuit is utilized as the predetermined write voltage.